

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A washing machine, comprising:

an outer a first tank ~~for storing~~ configured to contain washing water;

an inner a second tank ~~installed~~ rotatably installed in the outer first tank;

a load section ~~composed of~~ comprising at least one of a motor ~~for driving~~
configured to drive the inner second tank, a water supply ~~means for supplying the device~~
configured to supply washing water, and a drain ~~means for draining the device configured to~~
drain washing water;

a microcomputer ~~for controlling drive~~ configured to control operation of the load
section and ~~reading to read~~ an operation state of the load section;

a key an input section ~~for a user's~~ configured to receive a plurality of user input
~~of various kinds of operation commands and setting to set a plurality of functions of the washing~~
machine;

a display section ~~for displaying~~ configured to display the plurality of functions and
an operation state of the washing machine;

~~an interface section for sending/receiving wash-related data such as wash or dehydration to/ from~~ connected to the microcomputer and an external device and configured to perform a data exchange therebetween; and

~~a memory for enabling data read/write and storing the program or data received from the external device~~ configured to store operation history data of the load section, wherein the microcomputer is configured to upload the stored operation history data to the external device, and to download a plurality of new washer operation parameters from the external device and store the downloaded parameters in the memory device.

2. (Currently Amended) The washing machine according to claim 1, wherein the memory is device comprises a flash memory.

3. (Currently Amended) The washing machine according to claim 2, wherein the flash memory ~~is composed of~~ comprises a plurality of sectors, wherein one of the sectors ~~stores~~ is configured to store a program for data communication with the external device and a program for internal data communication in the washing machine, and wherein at least one of the sectors ~~is comprises~~ comprises an empty sector, and ~~other sectors~~ at least one sector is configured to store washing ~~course~~ courses and control-related programs.

4. (Currently Amended) The washing machine according to claim 1, wherein the external device is comprises a personal computer or a server.

5. (Currently Amended) The washing machine according to claim 1, wherein the external device and the interface section ~~perform data transmission/reception according to~~ are connected by an RS-232C data communication ~~standard~~ cable.

6. (Currently Amended) A washing machine, comprising:
an inner tank rotatably installed in an outer tank ~~for storing washing water;~~
~~an inner tank installed rotatably in the outer tank;~~
a load section ~~composed of~~ comprising at least one of a motor ~~for driving~~
configured to drive the inner tank, a water supply ~~means for supplying the~~ device configured to
supply washing water, and a draining ~~means for draining the~~ device configured to drain washing
water;

a microcomputer ~~for controlling drive of~~ configured to control operation of the
load section and ~~reading to read~~ an operation state of the load section;

a key an input section ~~for a user's input of various kinds~~ configured to receive a
plurality of operation commands and ~~setting to set a plurality~~ of functions of the washing
machine;

a display section ~~for displaying~~ configured to display the plurality of functions and an operation state of the washing machine; and

a memory ~~for enabling data read/write and storing a use~~ device configured to store operation history data of the load section, wherein the microcomputer is configured to upload the stored operation history data to an external device, and to download a plurality of new washer operation parameters from the external device, and to store the downloaded operation parameters in the memory device.

7-33. (Cancelled)

34. (New) The washing machine according to claim 1, wherein the input section comprises a keypad.

35. (New) The washing machine according to claim 1, further comprising a controller configured to control the microcomputer so as to execute an operation program corresponding to a function selected by a user, to control the display section so as to display a corresponding operation state, to store data transmitted through the microcomputer or through the interface section to the memory device, and to upload information stored in the memory device to the external device through the interface section.

36. (New) The washing machine according to claim 35, wherein the memory device is provided in a portion of the controller.

37. (New) The washing machine according to claim 36, wherein the controller further comprises a modem configured to enable data exchange via the Internet.

38. (New) The washing machine according to claim 35, wherein the controller is configured to store wash related data selected by a user in the memory device.

39. (New) The washing machine according to claim 38, wherein the washing machine is configured to be connected to the external device through the interface section, and wherein the controller is further configured to download an operation program from the external device based on the wash related data stored in the memory device.

40. (New) The washing machine according to claim 35, wherein the controller is further configured to provide the user with a download failure notification on the display section if a download failure occurs.

41. (New) The washing machine according to claim 40, wherein one of the plurality of operation commands comprises a re-execution command when a download failure occurs.

42. (New) The washing machine according to claim 1, wherein the plurality of new washer operation parameters comprise a plurality of washer operation programs configured to be changed based on changes in a wash related data portion of the operation history data.

43. (New) The washing machine according to claim 42, wherein changes to the plurality of operation programs are stored as versions, and wherein the display section is further configured to display a version indicator for the operation program corresponding to the operation state of the washing machine.

44. (New) The washing machine according to claim 1, wherein the uploaded operation history data of the load section comprises at least one of a temperature of the motor, a speed of the motor, a water supply time, and a water drain time.

45. (New) The washing machine according to claim 1, wherein the uploaded operation history data of the load section comprises operation records, including use and malfunction records, and conditions of various loads of the load section.

46. (New) The washing machine according to claim 6, wherein the input section comprises a keypad.

47. (New) The washing machine according to claim 6, wherein the uploaded operation history data comprises at least one of a temperature of the motor, a speed of the motor, a water supply time, and a water drain time.

48. (New) The washing machine according to claim 6, wherein the microcomputer is configured to control the operation of the load section based on the plurality of new washer operation parameters downloaded from the external device.

49. (New) The washing machine according to claim 6, wherein the external device comprises a personal computer or a server.

50. (New) The washing machine according to claim 6, wherein the operation history data of the load section comprises wash related data, and wherein the washing machine further comprises an interface section configured to connect the microcomputer to the external device, and to send the wash related data to and receive wash related data from the external device.

51. (New) The washing machine according to claim 6, wherein the memory device comprises a flash memory.

52. (New) The washing machine according to claim 51, wherein the flash memory comprises a plurality of sectors, wherein at least one of the sectors is configured to store a program for data communication with the external device and a program for internal data communication in the washing machine, at least one of the sectors comprises an empty sector, and at least one sector is configured to store washing courses and control related programs.

53. (New) The washing machine according to claim 6, wherein the external device and is connected to the microcomputer through an RS-232C data communication cable.

54. (New) The washing machine according to claim 6, wherein the microcomputer further comprises a modem configured to enable data exchange via the Internet.

55. (New) The washing machine according to claim 6, wherein the microcomputer is further configured to provide the user with a download failure notification if a download failure occurs.

56. (New) The washing machine according to 55, wherein one of the plurality of operation commands comprises a re-execution command when a download failure occurs.

57. (New) The washing machine according to claim 6, wherein the plurality of washer operation parameters comprise a plurality of washer operation programs configured to be changed based on changes in a wash related data portion of the operation history data of the load section.

58. (New) The washing machine according to claim 57, wherein changes to the plurality of operation programs are stored as versions, and wherein the display section is further configured to display a version indicator for the operation program corresponding to the operation state of the washing machine.

59. (New) The washing machine according to claim 6, wherein the uploaded operation history data of the load section comprises operation records, including use and malfunction records, and conditions of various loads of the load section.